easypix®

GOXTREME® RACE MINI

ACTION CAMCORDER

Functions

This user's manual has referred to the latest information we had when this user's manual was made. The screen display and illustrations are used in this user's manual for the purpose of introducing details of this digital camera in a more specific and direct way. Difference may arise between these displays and illustrations and the digital camera actually available for you due to difference in technological development and production batch, under which case, the actual functions of this video camera shall prevail.

Announcements

Please read the Announcements carefully before using this video camera for proper and safe operation, so as to bring its optimum performance into play and extend its service life.

- Do not expose the video camera to sunshine directly, nor point its lens to sunlight. Otherwise, the image sensor of the video camera may be damaged.
- Take good care of the video camera and prevent water or sand particles from entering the video camera when it is used on the beach or water, because water, sand particles, dust or component containing salt may damage the video camera.
- Keep the video camera contaminated free of dust and chemical materials. Place it in a cool, dry and well ventilated place. Do not place the video camera in a high temperature, moist or dusty place.
- Please check if the video camera can operate normally before use.
- If dirt or stain is accumulated on the video camera or on its lens, use soft, clean and dry rag to wipe it away gently. If the video camera or its lens is stained with sand particles, blow them away gently. Do not use cloth to wipe arbitrarily. Otherwise, it may scratch the surface of video camera or its lens.
- If it is required to clean camera surface, firstly blow away the sand dust accumulated on this surface, and then wipe the camera gently with rag or tissue applicable to optical equipments.

Please use the cleaning agent of video camera for wiping if necessary. Do not use organic solvent to clean the video camera.

- Do not touch the lens surface with fingers.
- Please back up the data if the memory card inside this video camera is used for the first time.
- The externally installed memory-cards are manufactured from precise electronic components. Data may be lost or damaged under the following circumstances:

1. Improper use of the memory card.
2. The memory card is bent, dropped or collided.
3. Place it under high temperature or moist environment or expose to sunshine directly.
4. Electrostatic or electromagnetic field exists around the memory card.
5. This memory card is taken out or power supply is interrupted when this video camera or computer is connected to the memory card (i.e. during reading, writing and formatting).
6. Touch the metal contact surface of the memory card with fingers or metal materials.

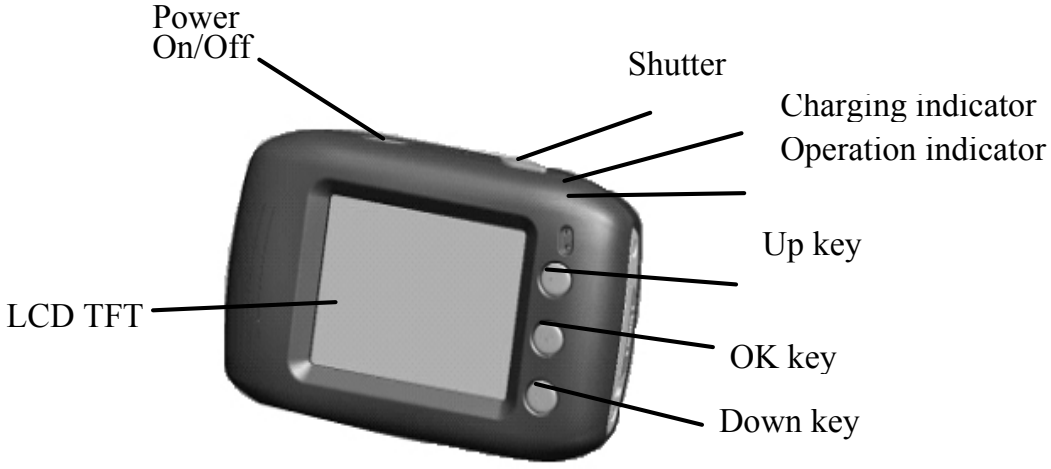
Waterproof Case Using Notice

- Before sealing the waterproof case, keep the camera housing's rubber seal clean, a single hair or grain of sand can cause a leak. You can test by closing the case without inserting the camera. Submerse the case completely in water for about a minute. Remove the case from the water, dry off its exterior with a towel, then open the case. If the entire interior is dry, the case is safe for use under water.
- Remember to put the Mode Switch in your desired recording position before inserting the camera in the waterproof case. There is no external button for the Mode Switch.
- After every use in salt water you will need to rinse the outside of the housing with non-salt water and dry. Not doing this can eventually cause corrosion of the hinge pin and salt buildup in the seal, which can cause failure.
- To clean the seal, rinse in fresh water and shake dry (drying with a cloth may cause lint to compromise the seal). Re-install the seal into the grooves in the backdoor of the housing.

System Requirements

System Requirements	
Operating System	Microsoft Windows2000, XP, Vista, 7
CPU	Intel Pentium III of more than 800MHz or other CPU with equivalent performance
Internal Memory	Larger than 512MB
Sound Card and Display Card	The sound card and display card shall support DirectX8 or higher version.
CD Driver	Speed of 4 times or faster
Hard Disk	Free space of more than 500MB
Others	One standard USB1.1 or USB2.0 port

Appearance and key introduction



Key/Indicator	Function	
Power On/Off	Power the camera on or off. When opening the menu, switch over between normal (effect parameters and replay of image, video) and setup menu.	
Shutter	In recording video mode, it is used to start/stop recording. In capture mode, it is used as a shutter. In replay mode; it is used to play the video. When operating the menu, it is used to confirm the selection.	
Up key	Digital zoom in (capture/video mode); menu selection (after opening the menu); pause, continue playing (when playing and recording video in replay mode).	
OK key	Open/exit from menu. Stop playing (when replaying video).	
Down key	Digital zoom out (capture/video mode); menu selection (after opening the menu).	
Mode switch	Switch over among modes of capture, video and replay.	
Operation indicator	The upper one is a charging indicator.	In power-off state, it keeps constant lighting when the charger is connected for charging.
	The lower one is an operation indicator.	It flashes once during capturing, and it keeps constant lighting when connected with computer portable disk.

Usage

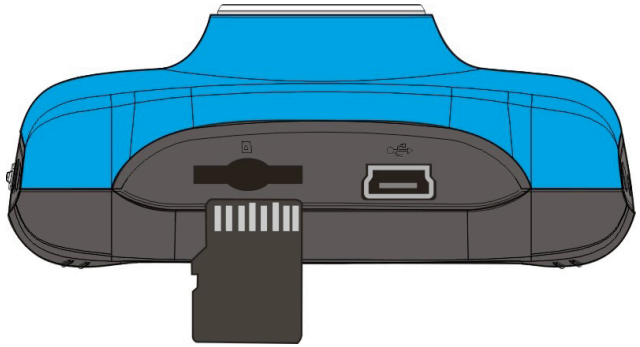
1. Charge the built-in lithium battery

Connect the video camera with computer for charging in the shutdown state. The indicator light for charging is on at this time and will be off after charging. In general, it can be fully charged after 2-4 hours.

2. Use of Memory Card

1. Push the memory card into the card slot according to the concave lettering beside the slot of memory card till it is completely inserted.

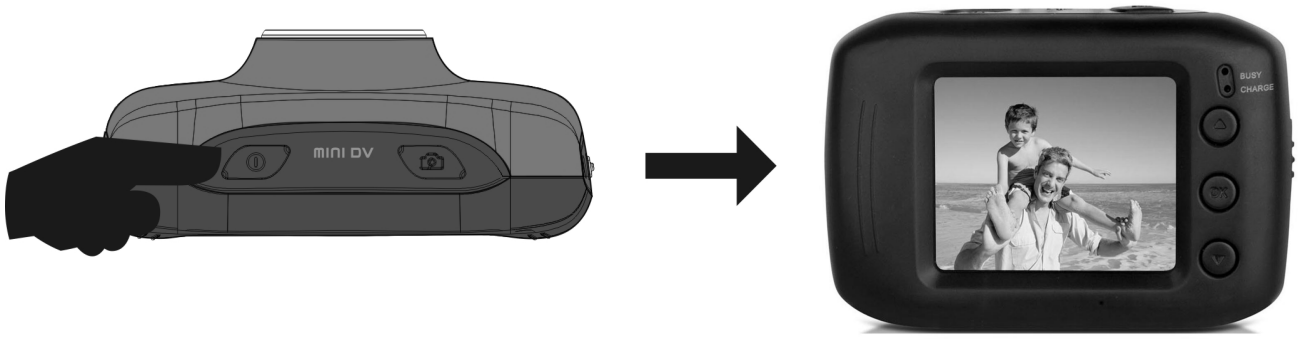
2. To take out the memory card, gently press the end of the memory card inward and it will pop up.



Note: No built-in memory is available in this video camera. Make sure to insert memory card before using.

3. Startup/Shutdown

3.1 Startup: Press the POWER button for 3 seconds, the screen is displayed and the camera is on.



3.2. Shutdown: Press the POWER Key, and the camera will be shut down. .

Automatic shutdown: when the idle time of the video camera reaches the time for automatic shutdown, it will be shut down automatically to save power. The default time of this camera for automatic shutdown is 5 minutes.

3.3. Shutdown in case of power shortage: when the power of the battery is insufficient, the LCD display screen will display the low power icon. Please charge it in time. When indicate light turns red and flickering, the video camera will be shut down automatically.

4. Conversion between Function Modes

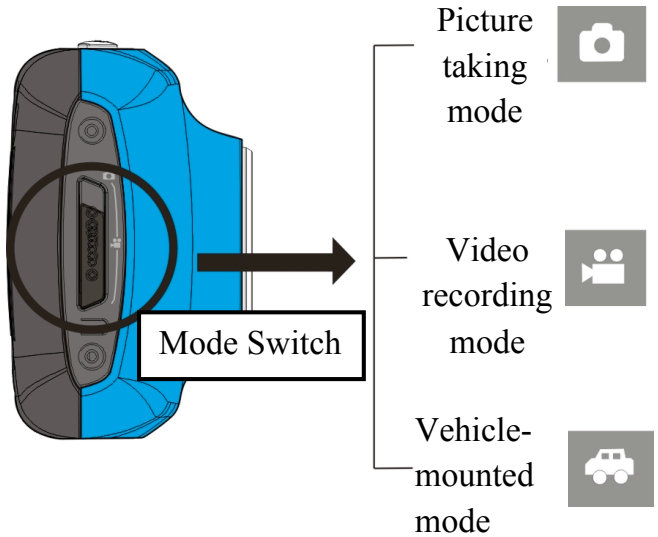
Three modes are available for this video camera, i.e. picture taking mode, video recording mode and vehicle-mounted mode. Conversion is available via the mode switch after startup.

Picture taking mode: pictures can be taken;

Video recording mode: video can be recorded;

Vehicle-mounted mode: videotape can be recorded.

(one section every 5 minutes)



5. Indicator light

Busy light: when the camera is busy (such as, recording a film, taking photos, automatic off-screen), the busy light will be on.

Charging light: when the light is on for a long time, it prompts the user that the camera is charging.

6. Video recording mode

When the mode switch is turned to video recording mode, press the shutter button once or click the LCD center once to begin recording under previewing state; press the shutter button once again if you want to stop recording, and the camera will also stop recording, automatically when the memory card is full or the power is insufficient.

1 **00:00:01**: time-meter, indicating 1 second left for recording (indicating 1 second recorded during recording).

2 : mode icon, represents that the video camera is in video recording mode.

3 : loop recording video time icon: indicates the current loop video recording time is 3 minutes.

4 ：movie size: indicates the current movie size is 720P.

5 ：means that the memory card is inserted at present.

6 ：magnification of digital zoom: press Up and down key to adjust zoom among 1x-4x.

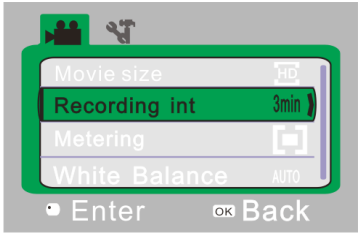
7 ：battery icon, represents the power status of the battery.

8 ：white balance icon: indicates the current white balance mode is automatic.

9 ： metering icon: indicates it is currently the pan overall perspective metering.

Video menu setup

In video mode, press OK key to open menu, and then press Up and Down key to select menu. When selecting menu, background of the selected item will be highlighted. Press Shutter to enter sub-menu. In sub-menu, press Up and Down key for selection, press Shutter for confirmation and back to main menu. In the main menu, press OK key to exit from the menu.



▲Video menu

Video menu options

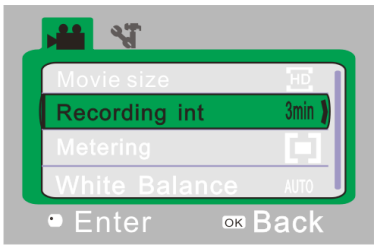
Main menu	Sub-menu	Description
Video format	1280x720	High resolution format.
	640X480	Medium resolution format.
Recording int	Off	Power-off driving record.
	1min	Set driving record to 1 minute as a repeating phase.
	3min	Set driving record to 3 minutes as a repeating phase.
	5min	Set driving record to 5 minutes as a repeating phase.
Metering mode	Central metering	Metering subject to the central area.
	Multi-point metering	Metering subject to multi-points.
	Point metering	Metering subject to one point.
White balance	Automatic	Using automatic white balance, suitable for most cases.
	Daylight	Suitable for daylight environment.

	Cloudy	Suitable for cloudy environment.
	Fluorescent light	Suitable for fluorescent light source environment.
	Tungsten light	Suitable for tungsten light source environment.
Special effect	Normal	Normal effect.
	White and black	White and black effect.
	Sepia	Sepia effect.
	Negative film	Negative film effect.
	Red	Reddish effect.
	Green	Greenish effect.
	Blue	Bluish effect.
Date stamp	Off	Turn off printing date/time on the file.
	Date	During capturing/recording video, print date on right bottom corner of the file.
	Date and time	During capturing/recording video, print date and time on right bottom corner of the file.

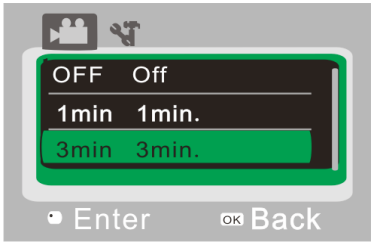
7 Driving video recording:

Push Mode switch to Video mode, open the menu, press Down key to select “REC interval” menu, press Shutter key to enter sub-menu, “1min, 3min, 5min” recording loop mode are for free selection. After pressing OK key for confirmation, press OK key again to exit from the menu. When Shutter is pressed, it starts video recording. During video recording, the camera will automatically stop recording video based on 1min, 3min, 5min selected, and immediately starts next section of video recording (e.g. when 5min is selected in the menu, the camera will automatically stop when 5min recording reached, and starts next section of video recording).

WARNING ! When the memory card is full, the earliest recoded section of file will be deleted for corresponding room for further recording, and it repeats in such a method.



▲Open video recording menu



▲Select loop recording time and press OK to confirm.

▲Exit from menu and press Shutter to start loop video recording

Note: After selecting OFF in "REC interval" menu, the camera turns to normal video recording. Normal recording is beyond the limit of time, and it will not stop until the memory card is full.

8 Picture taking mode:

Switch the mode switch into the Picture taking mode, press the shutter button or click the LCD center once under the previewing state to take a photo:

1 **9999**: Counter, indicating current number of photos taken already /number of photos to be taken.

2 : mode I con, indicating that the camera is in photo taking mode.

3 : video size, click this icon to select the photo resolution.

4 : means that the memory card is been inserted at present.

5 : magnification of digital zoom: press Up and down key to adjust zoom among 1x-4x.

6 : battery icon, indicates the power status of the battery.

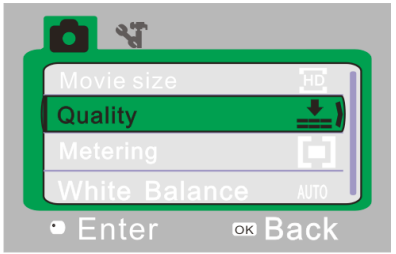
7 : Self-timer icon: indicates the current self-timer mode is set to 10 seconds.

8 : white balance icon: indicates the current white balance mode is automatic.

9 : metering icon: indicates it is currently the pan overall perspective metering.

Capture menu setup

In capture mode, press OK key to open menu, and then press Up and Down key to select menu. When selecting menu, background of the selected item will be highlighted. Press Shutter to enter sub-menu. In sub-menu, press Up and Down key for selection, press Shutter for confirmation and back to main menu. In the main menu, press OK key to exit from the menu.



▲Capture menu

Capture menu options

Main menu	Sub-menu	Description
Image size	2592x1944	5 megapixel resolution.
	2048X1536	3 megapixel resolution.
	1280X1024	1 megapixel resolution.
Image quality	Excellent	Best quality image.
	Good	Good image quality.
	Normal	General quality image.
Metering mode	Central metering	Metering subject to the central area.
	megapixel resolution	Metering subject to multi-points.
	Point metering	Metering subject to one point.
White balance	Automatic	Using automatic white balance, suitable for most cases.
	Daylight	Suitable for daylight environment.
	Cloudy	Suitable for cloudy environment.
	Fluorescent light	Suitable for fluorescent light source environment.
	Tungsten light	Suitable for tungsten light source environment.

Exposure	/	Use Left and Right key to adjust exposure compensation.
Capture mode	Off	Use general single shot mode.
	2s	Use 2sec. delay self-timer mode.
	10s	Use 10sec. delay self-timer mode.
	Continuous shooting`	Use continuous shooting.
Special effect	Normal	Normal effect.
	White and black	White and black effect.
	Sepia	Sepia effect.
	Negative film	Negative film effect.
	Red	Reddish effect.
	Green	Greenish effect.
	Blue	Bluish effect.
Date stamp	Off	Turn off printing date/time on the file.
	Date	During capturing/recording video, print date on right bottom corner of the file.

	Date / time	During capturing/recording video, print date and time on right bottom corner of the file.

9 Playback mode:

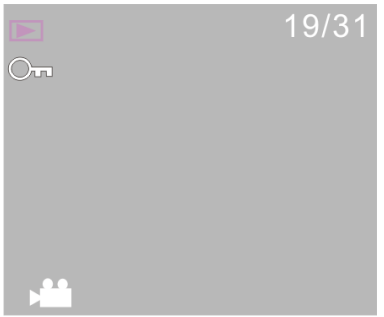
9.1 After power-on, push Mode switch back to Playback mode:

1 ： mode icon: indicates it is currently the mode of playback.

2 ：Indicates that there is one file in current folder/totally one folder.

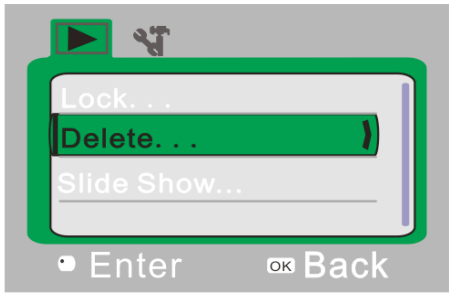
3 : indicates that the current folder is locked.

4 ：indicates the current file is a video file.



9.2 Playback menu setup

In playback mode, press OK key to open menu, and then press Up and Down key to select menu. When selecting menu, background of the selected item will be highlighted. Press Shutter to enter sub-menu. In sub-menu, press Up and Down key for selection, press Shutter for confirmation and back to main menu. In the main menu, press OK key to exit from the menu.



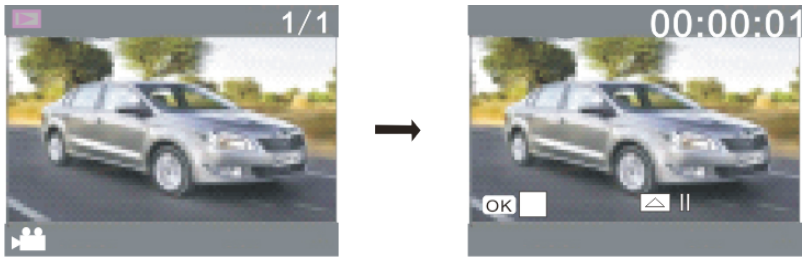
▲Playback menu

Playback menu options

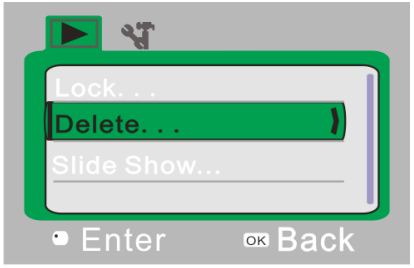
Main menu	Sub-menu	Description
Lock	Lock/unlock this file	Lock/unlock this file.
	Lock all	Lock all files.
	Unlock all	Unlock al files.
Delete	Delete this file	Delete the current file.
	Delete all	Delete all files.
Slide Show	Start	Start playing slide show.
	Interval	1sec.~10sec.
	Repeat	Yes/No.

9.3 Movie clips playing:

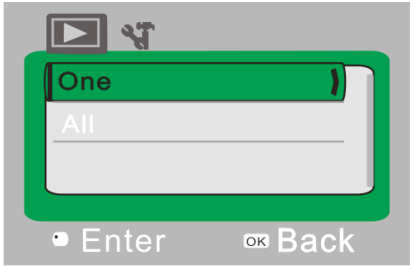
During playing, press Shutter key to play, press Up key for pause, press Shutter key to stop playing.



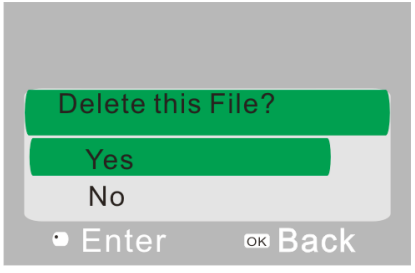
9.4 **Delete file:**



1) After selecting the file to be deleted, open the menu, press Up and Down key to select “Delete”.



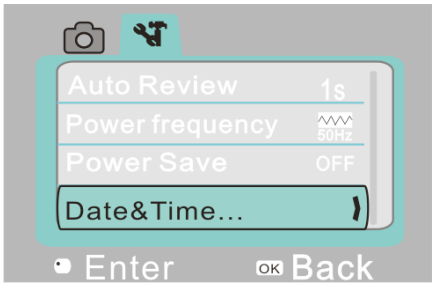
2）Press Shutter key to enter, after selecting “One”, press Shutter key for confirmation). “All” means to delete all files.)



3) After selecting “Yes”, press Shutter key to delete the file. When the file is deleted, press OK key to exit from the menu.

10 System setup menu:

In capture, video recording or playback mode, press OK key to open menu, and then press Power key to switch over to setup menu. In setup menu, press Up and Down key for selecting menu. When selecting menu, background of the selected item will be highlighted. Press Shutter to enter sub-menu. In sub-menu, press Up and Down key for selection, press Shutter for confirmation and back to main menu. In the main menu, press OK key to exit from the menu.



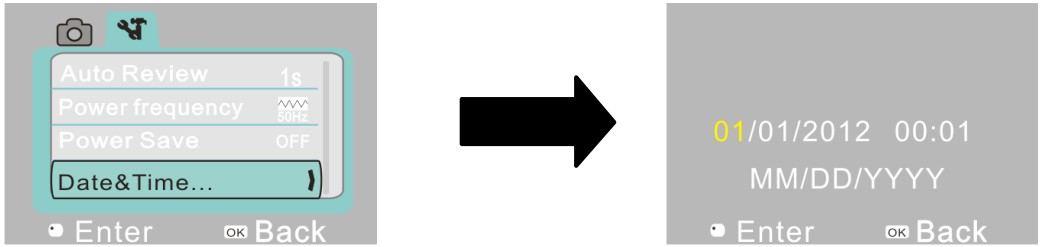
▲System setup menu

System setup menu options

Main menu	Sub-menu	Description
Automatic playback	Off	No playback performed after capture.
	1 second	Playback performed 1 second later after capture.
	3 seconds	Playback performed 3 seconds later after capture.
Power frequency	50Hz	Set to 50Hz light source frequency.
	60Hz	Set to 60Hz Playback performed 1 second later after capture.
Automatic shutdown	1 minute 3 minutes	Automatic shutdown performed in case of 1 minute idle. Playback performed 3 seconds later after capture.
	5 minutes	Playback performed 5 seconds later after capture.
	OFF	Cancel automatic shutdown.
Date and time	/	Set up date and time format.
Language	/	Set up the language.
Format	Yes/No	Format memory card.
Default value	Yes/No	Back to default value.

Setting date and time:

Press OK key to open the menu, and then press Power key to enter setup menu. Press Down key to select “Date&Time” item, and press Shutter key to enter setup window.



In setup window, press Power key to select the item to be adjusted (Date, time). The selected item will be highlighted in yellow. Then press Up key or Down key for adjustment. At completion of adjustment, press Shutter key to confirm the adjustment, or press OK key to cancel the setup and return. Finally press OK key to exit from setup mode.

Apply on the personal computer

Connect to personal computer

The camera is provided with the plug and play function. Connect the device to the computer with USB line under turning-on state, then it will be switched into the movable hard disk mode.

Icon of movable disk will appear on the window of “my computer”. Photos/videos you have taken are saved in folder I:\DCIM\100MEDIA (I is the movable disk of this device) in the movable disk. Files recorded in vehicle-mounted mode are saved in I:\DCIM\RECORDER.

Technical parameters

Image sensor	1.3 million pixel (CMOS)	
Function mode	Video, capture, car mode, portable disk, PC cam	
Camera lens	F3.1 f=9.3mm	
Digital zooming	4x	
Shutter	Electronic shutter	
LCD display	1.77” (4.5cm)	
Image resolution	5M (2592×1944), 3M (2048×1536), 1M(1280×960)	
Video resolution	VGA: 640x480 (60 frames/second), 720P: 1280x720 (30 frames/second)	
White balance	Automatic / Sunny / Cloudy / Fluorescent light / Tungsten light	
Exposure	-2.0 ~ +2.0	
File formats	Image	JPEG
	Video	AVI
Storage medium	Micro SD card (Supporting up to 32GB)	
USB interface	High-speed USB 2.0 interface	
Power Supply	Built-in 3.7V rechargeable lithium battery	
Dimension (length × width × height)	67x48x29mm	
Weight	about 48 grams	

This symbol indicates that the relevant electrical product or battery should not be disposed of as general household waste in Europe. To ensure the correct waste treatment of the product and battery, please dispose them in accordance to any applicable local laws of requirement for disposal of electrical equipment or batteries. In so doing, you will help to conserve natural resources and improve standards of environmental protection in treatment and disposal of electrical waste (Waste Electrical and Electronic Equipment Directive).

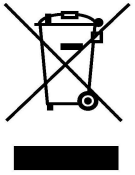
DECLARATION OF CONFORMITY

easypix herebly declares that the product GoXtreme Race Mini is in conformity

to all the essential requirements of Directive 1999/5/EC. The declaration of conformity can be downloaded here:

http://www.easypix.info/download/pdf/doc_goxtreme_race_mini.pdf

For technical help please visit our support area on www.easypix.eu.



Only EU

easypix®
LIFESTYLE ELECTRONICS